

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016492.D
 Acq On : 26 Sep 2021 02:38
 Operator : CG/JU
 Sample : M3920-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 04:47:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

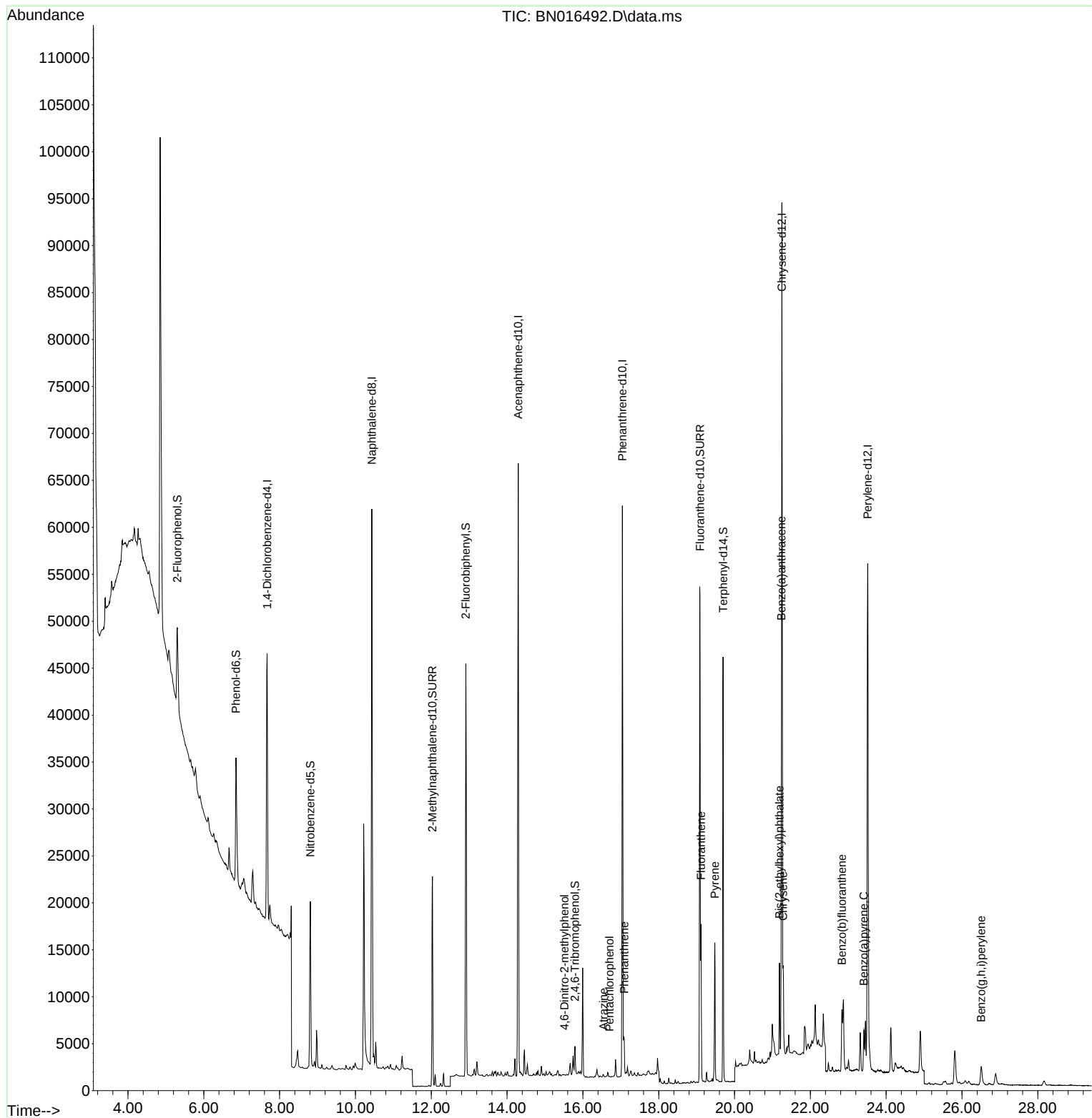
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	17558	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	75401	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	37121	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	77546	0.400	ng	0.00
29) Chrysene-d12	21.249	240	79680	0.400	ng	# 0.00
35) Perylene-d12	23.512	264	73934	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	11013	0.280	ng	0.02
5) Phenol-d6	6.849	99	12534	0.270	ng	0.00
8) Nitrobenzene-d5	8.810	82	13386	0.251	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	29794	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2120	0.278	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	38705	0.248	ng	-0.01
27) Fluoranthene-d10	19.088	212	61046	0.287	ng	0.00
31) Terphenyl-d14	19.698	244	45148	0.244	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.512	198	8	0.148	ng	# 1
23) Atrazine	16.543	200	26	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	13	0.245	ng	# 35
25) Phenanthrene	17.091	178	5335	0.023	ng	98
28) Fluoranthene	19.118	202	14983	0.059	ng	98
30) Pyrene	19.480	202	13553	0.054	ng	# 94
32) Benzo(a)anthracene	21.238	228	8486	0.037	ng	93
33) Chrysene	21.281	228	8497	0.034	ng	95
34) Bis(2-ethylhexyl)phtha...	21.185	149	8766	0.139	ng	96
37) Benzo(b)fluoranthene	22.834	252	11511	0.047	ng	# 86
39) Benzo(a)pyrene	23.413	252	7387	0.037	ng	# 82
41) Benzo(g,h,i)perylene	26.507	276	4488	0.021	ng	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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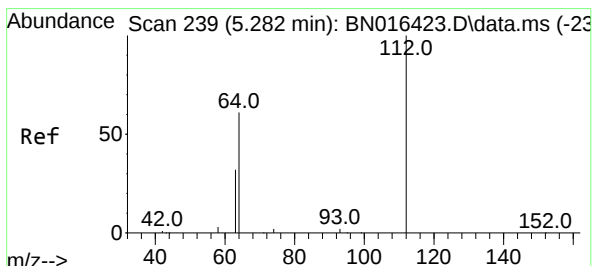
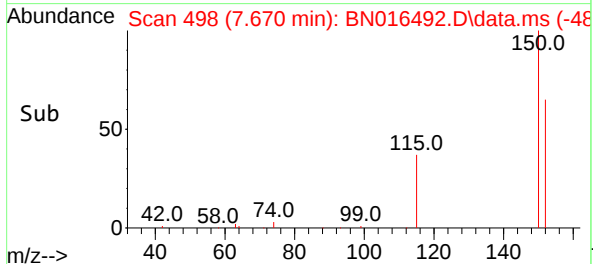
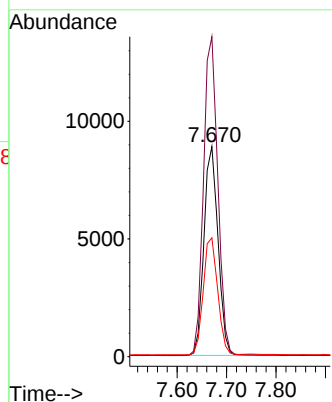
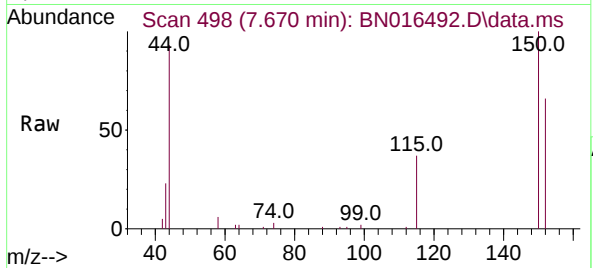




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

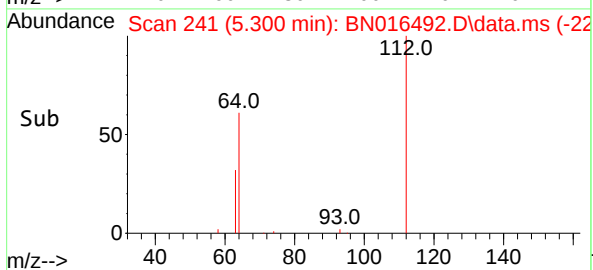
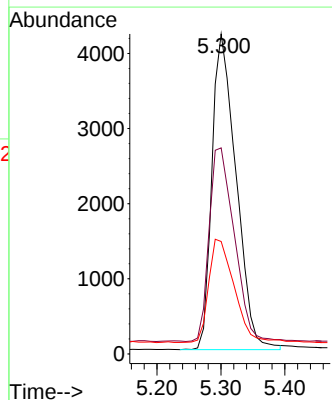
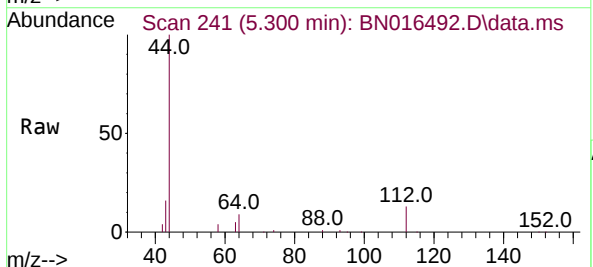
Instrument :
BNA_N
ClientSampleId :

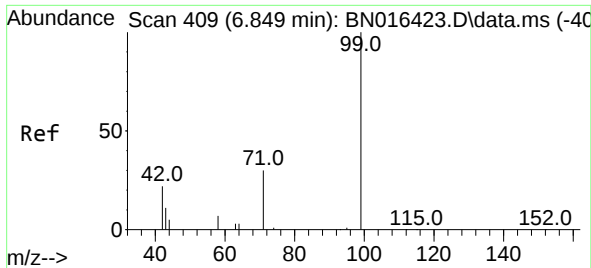
Tgt Ion:152 Resp: 17558
Ion Ratio Lower Upper
152 100
150 152.4 125.6 188.4
115 56.6 50.2 75.2



#4
2-Fluorophenol
Concen: 0.280 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:112 Resp: 11013
Ion Ratio Lower Upper
112 100
64 63.6 47.3 70.9
63 34.4 23.4 35.0

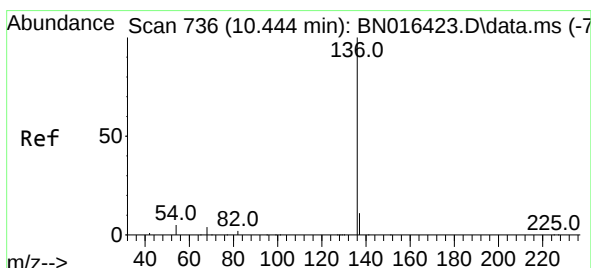
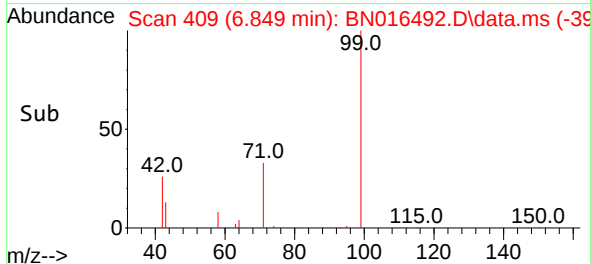
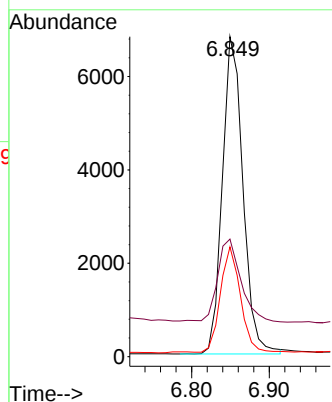
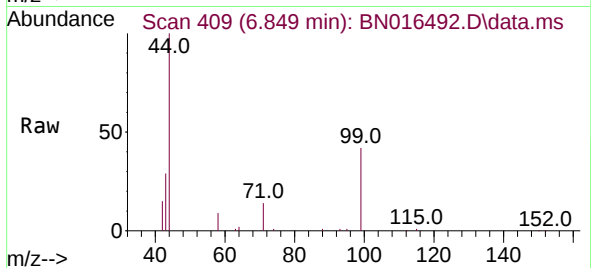




#5
Phenol-d6
Concen: 0.270 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

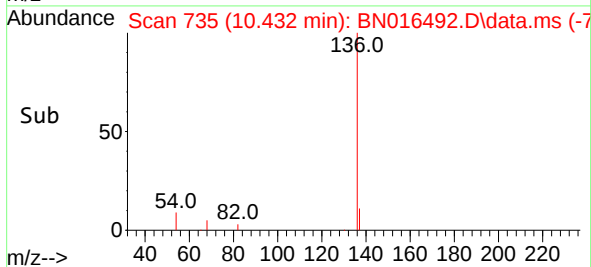
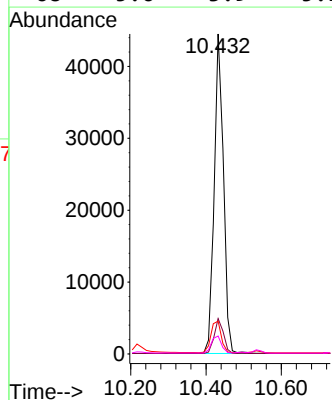
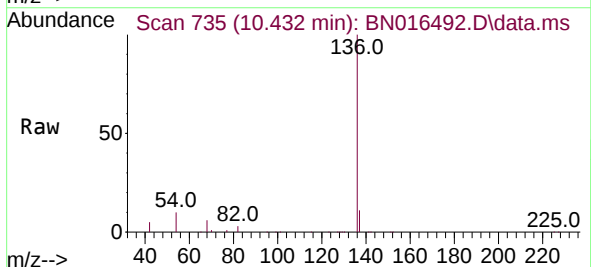
Instrument :
BNA_N
ClientSampled :

Tgt Ion: 99 Resp: 12534
Ion Ratio Lower Upper
99 100
42 29.4 14.0 21.0#
71 32.0 23.8 35.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:136 Resp: 75401
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.3 5.3 7.9#
68 5.6 3.9 5.9

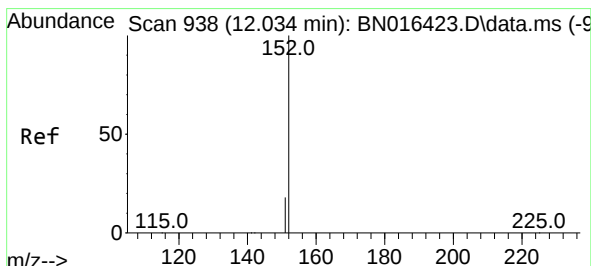
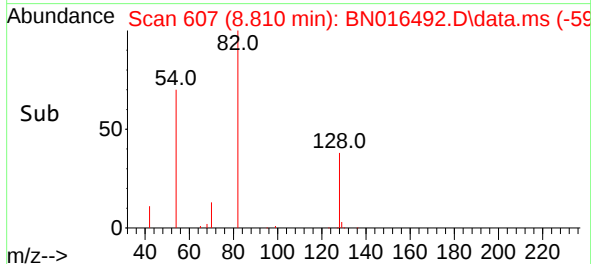
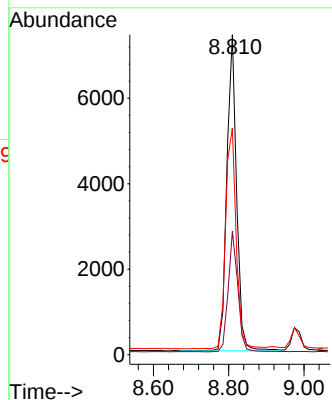
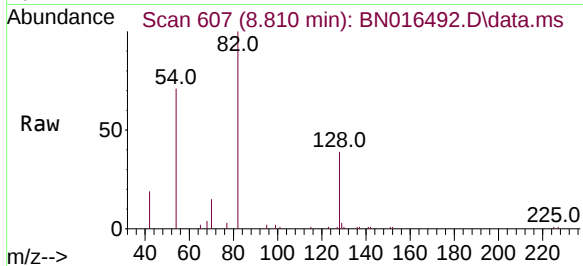




#8
Nitrobenzene-d5
Concen: 0.251 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

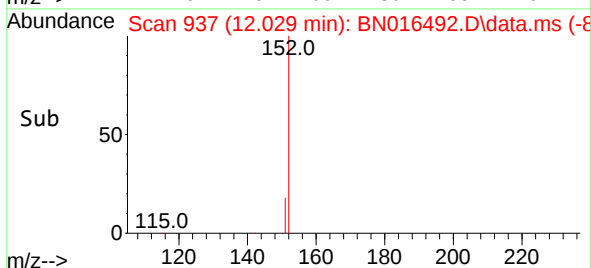
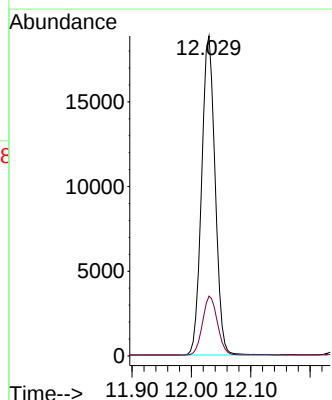
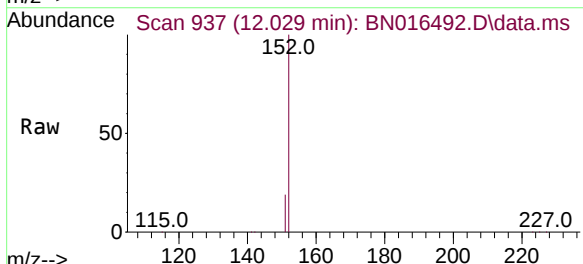
Instrument :
BNA_N
ClientSampleId :

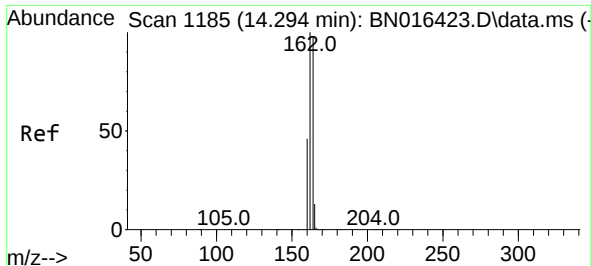
Tgt Ion: 82 Resp: 13386
Ion Ratio Lower Upper
82 100
128 38.5 31.7 47.5
54 70.8 46.4 69.6#



#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:152 Resp: 29794
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1

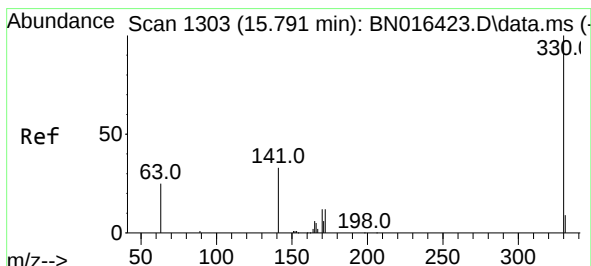
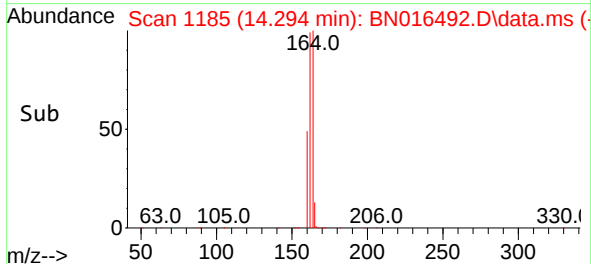
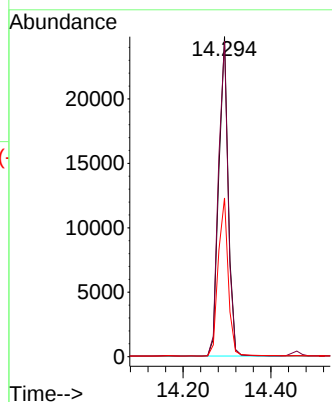
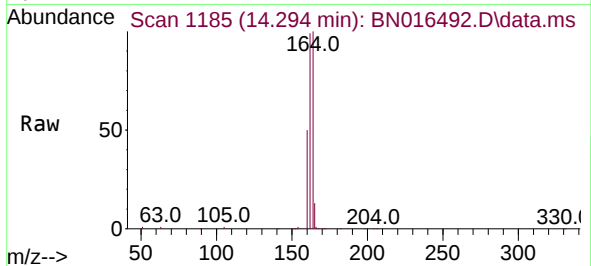




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

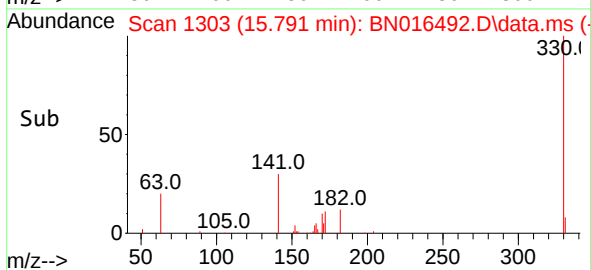
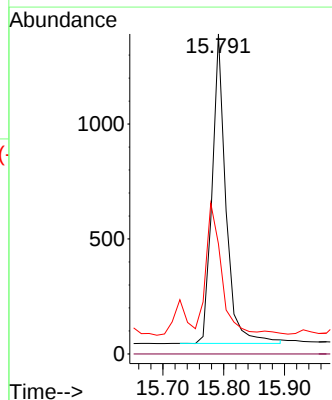
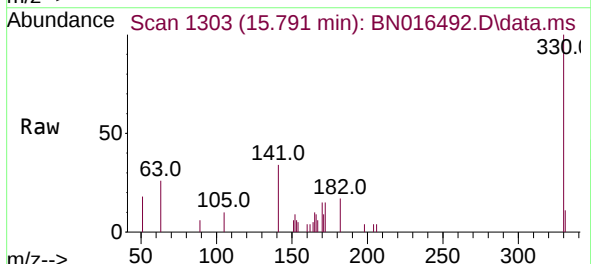
Instrument :
BNA_N
ClientSampled :

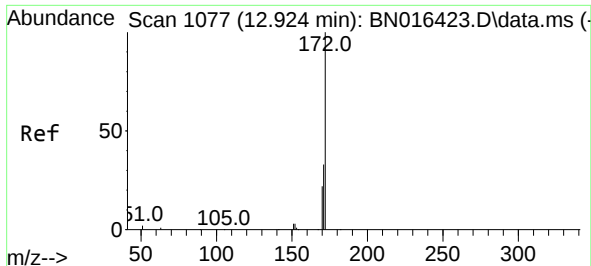
Tgt Ion:164 Resp: 37121
Ion Ratio Lower Upper
164 100
162 98.6 79.0 118.4
160 49.6 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:330 Resp: 2120
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.3 25.0 37.4#

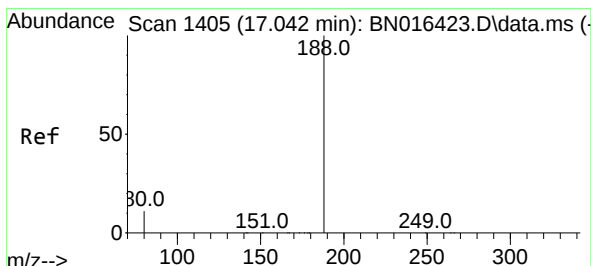
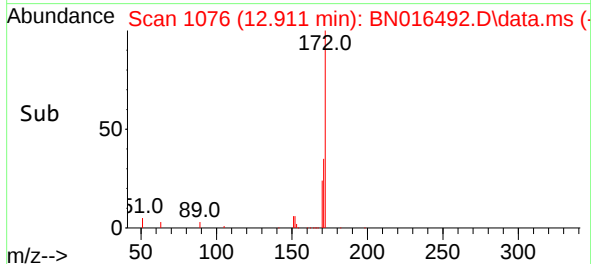
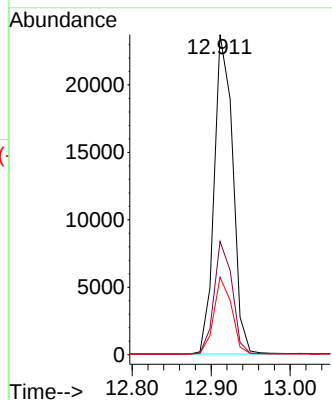
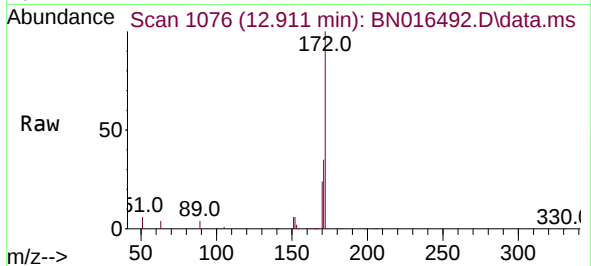




#15
2-Fluorobiphenyl
Concen: 0.248 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

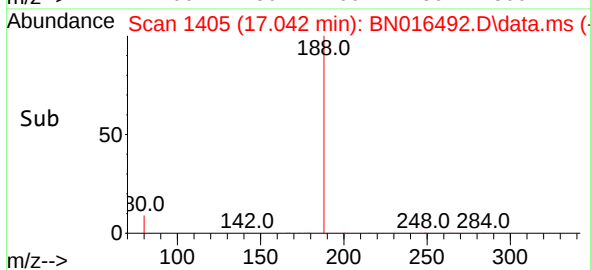
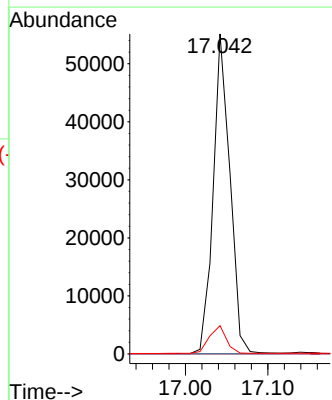
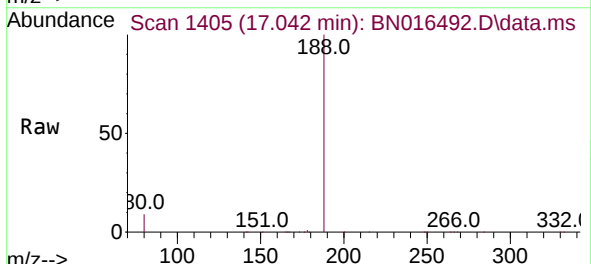
Instrument :
BNA_N
ClientSampled :

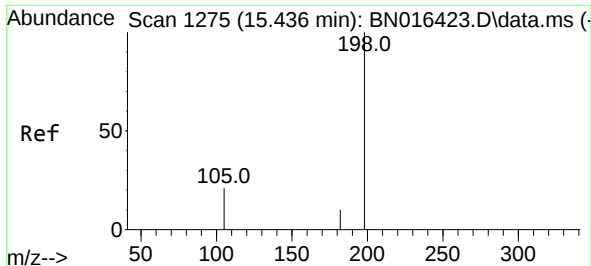
Tgt Ion:	172	Resp:	38705
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.8	41.6
170	24.2	18.2	27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:	188	Resp:	77546
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.9	7.0	10.6

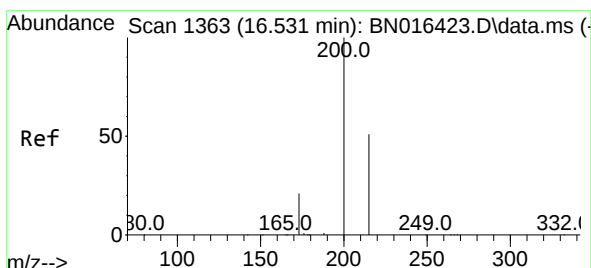
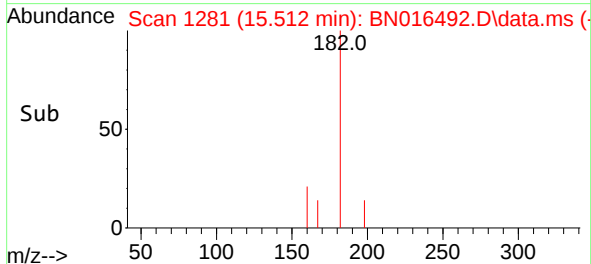
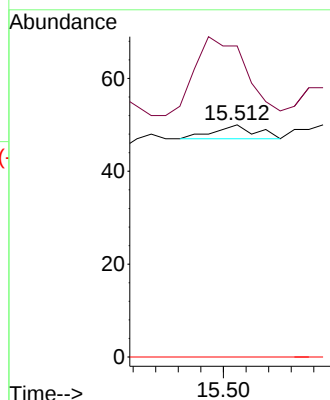
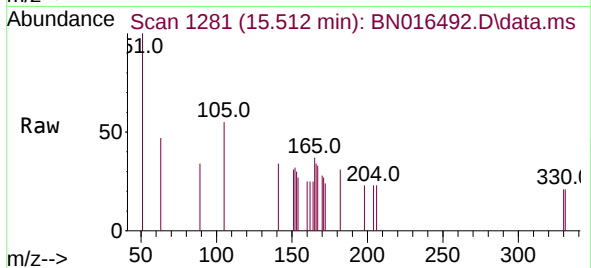




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.512 min Scan# 1281
Delta R.T. 0.076 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

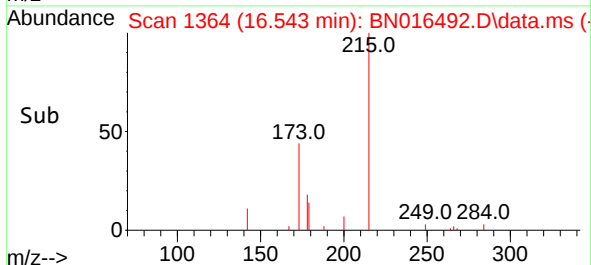
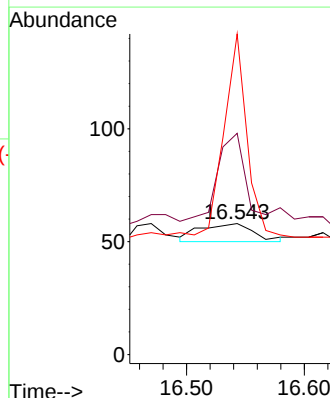
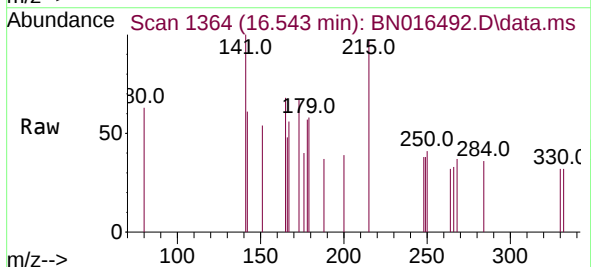
Instrument :
BNA_N
ClientSampled :

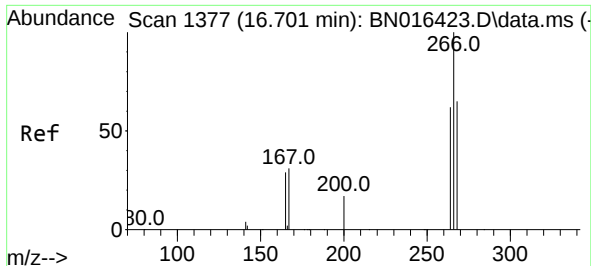
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 134.0 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:200 Resp: 26
Ion Ratio Lower Upper
200 100
173 169.0 18.7 28.1#
215 244.8 41.6 62.4#

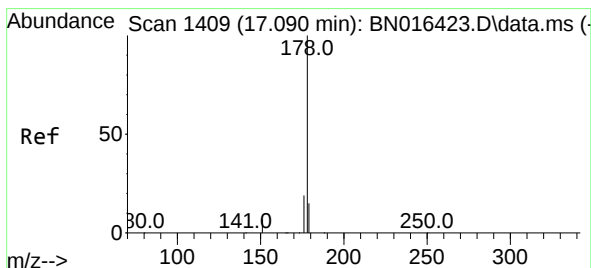
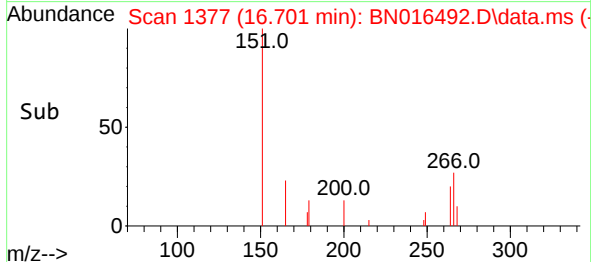
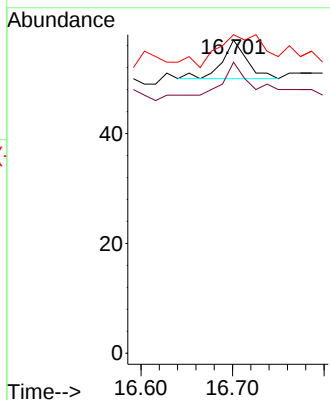
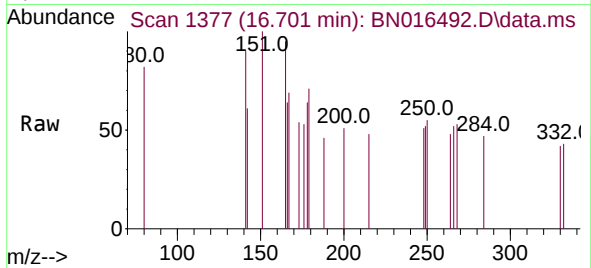




#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

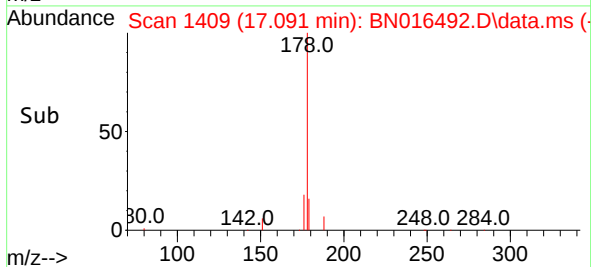
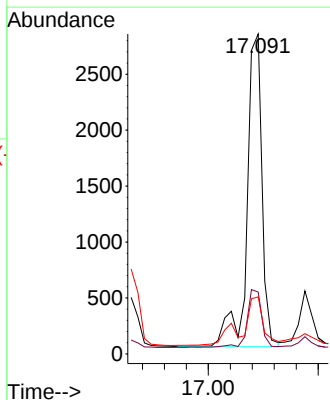
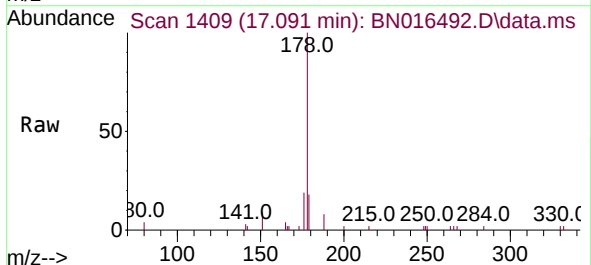
Instrument :
BNA_N
ClientSampled :

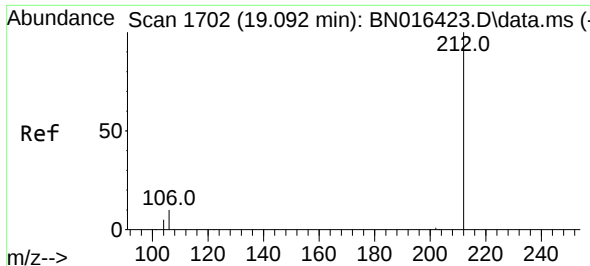
Tgt Ion:266 Resp: 13
Ion Ratio Lower Upper
266 100
264 107.7 50.6 75.8#
268 123.1 52.6 79.0#



#25
Phenanthrene
Concen: 0.023 ng
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:178 Resp: 5335
Ion Ratio Lower Upper
178 100
176 17.8 14.4 21.6
179 14.0 12.2 18.4

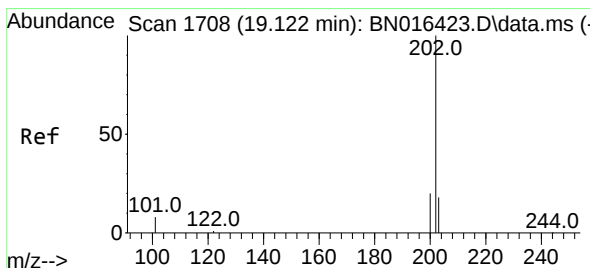
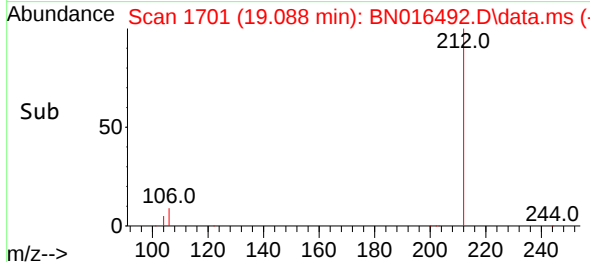
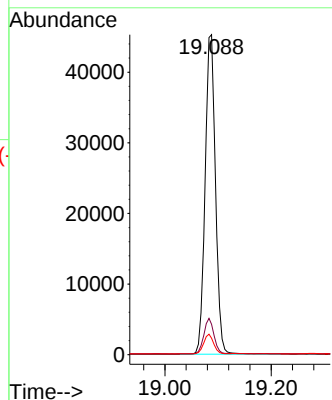
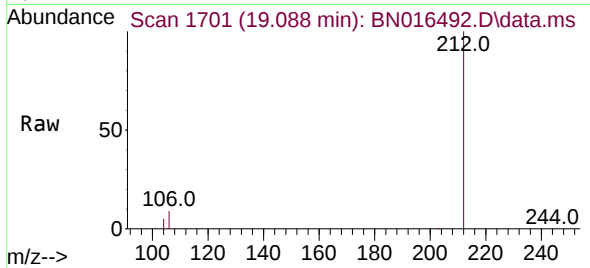




#27
Fluoranthene-d10
Concen: 0.287 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

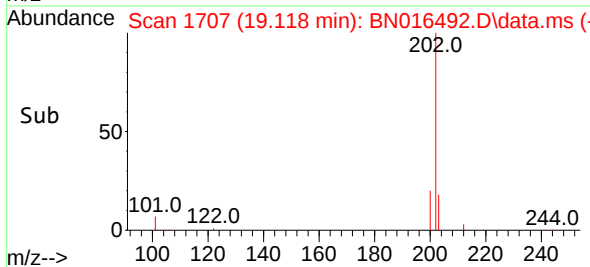
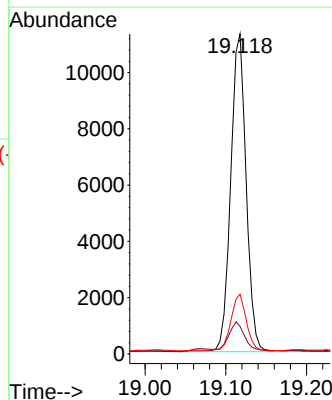
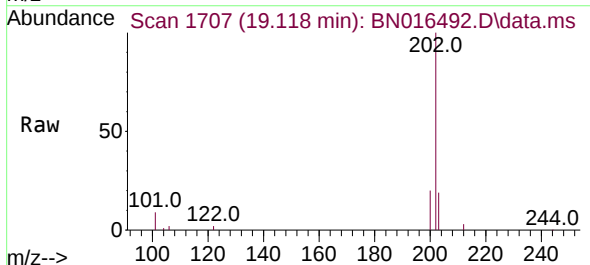
Instrument :
BNA_N
ClientSampled :

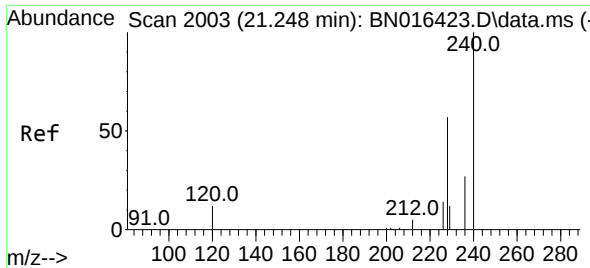
Tgt Ion:212 Resp: 61046
Ion Ratio Lower Upper
212 100
106 10.7 9.8 14.6
104 5.9 5.4 8.2



#28
Fluoranthene
Concen: 0.059 ng
RT: 19.118 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:202 Resp: 14983
Ion Ratio Lower Upper
202 100
101 9.2 8.5 12.7
203 17.9 13.8 20.8

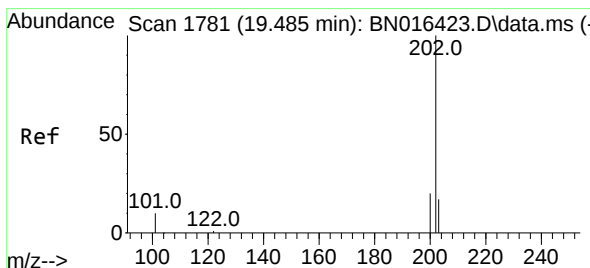
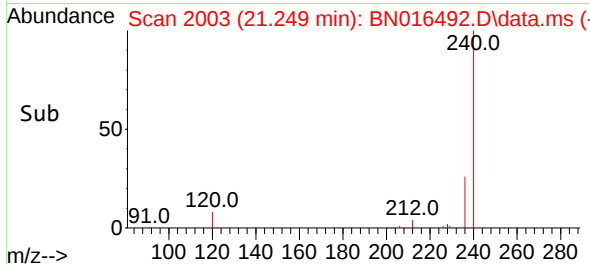
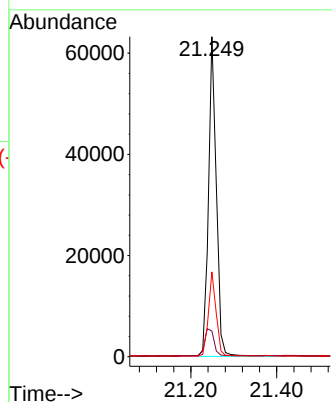
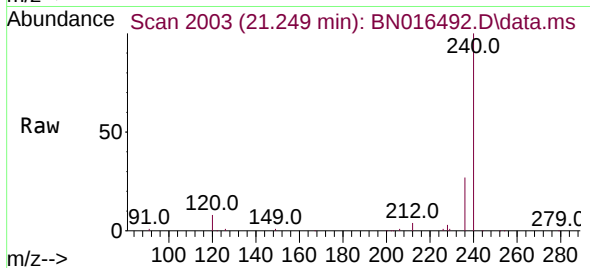




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

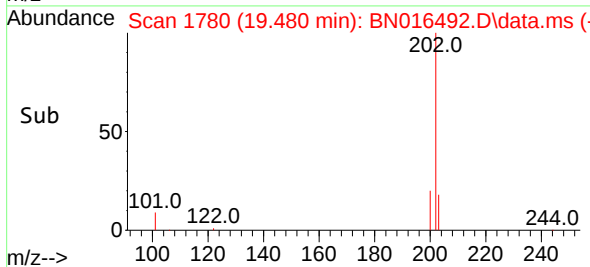
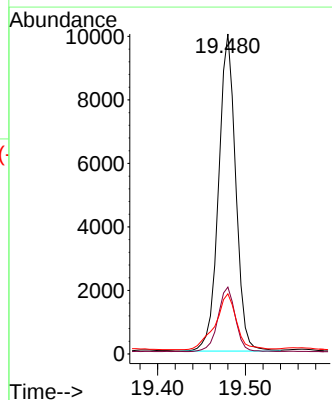
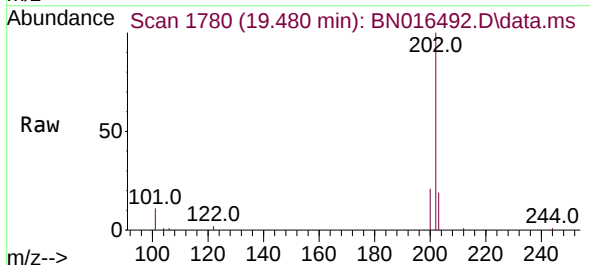
Instrument :
BNA_N
ClientSampled :

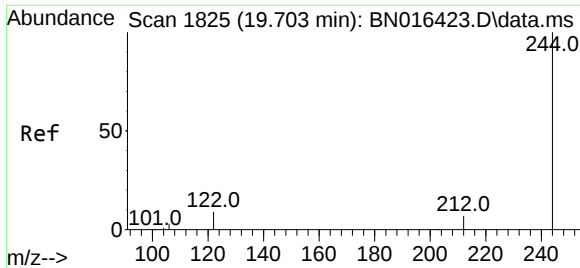
Tgt Ion:240 Resp: 79680
Ion Ratio Lower Upper
240 100
120 8.0 5.3 7.9#
236 26.5 19.8 29.8



#30
Pyrene
Concen: 0.054 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:202 Resp: 13553
Ion Ratio Lower Upper
202 100
200 20.6 15.8 23.6
203 21.9 13.9 20.9#

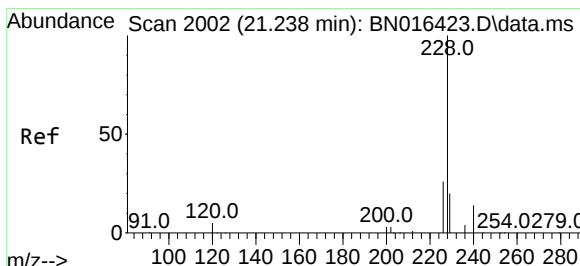
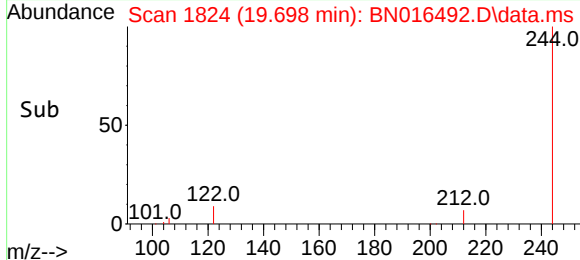
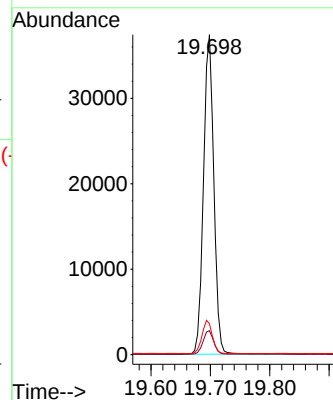
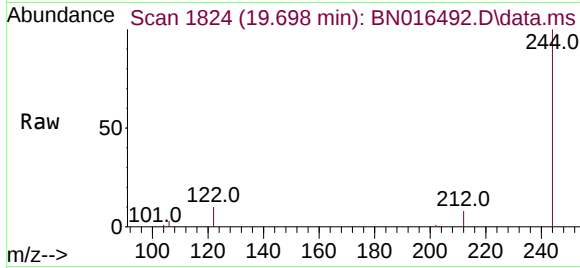




#31
 Terphenyl-d14
 Concen: 0.244 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016492.D
 Acq: 26 Sep 2021 02:38

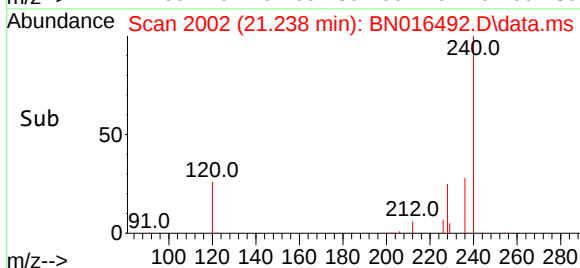
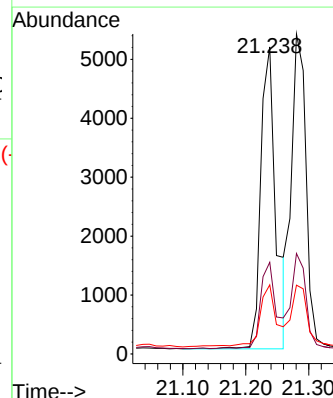
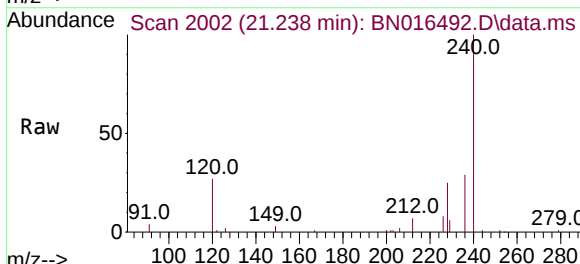
Instrument :
 BNA_N
 ClientSampleId :

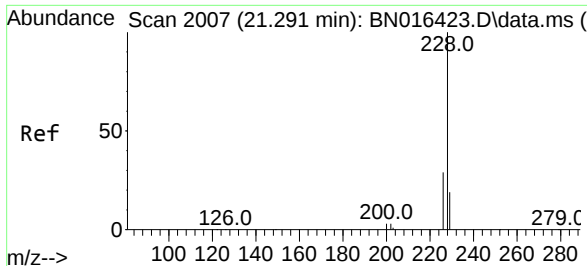
Tgt Ion:244	Resp:	45148
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.5 8.3
122	9.6	9.0 13.4



#32
 Benzo(a)anthracene
 Concen: 0.037 ng
 RT: 21.238 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: BN016492.D
 Acq: 26 Sep 2021 02:38

Tgt Ion:228	Resp:	8486
Ion Ratio	Lower	Upper
228	100	
226	29.9	20.8 31.2
229	22.5	15.8 23.6

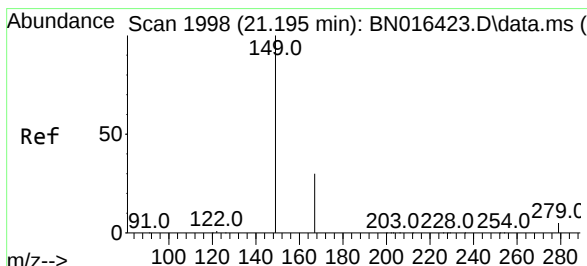
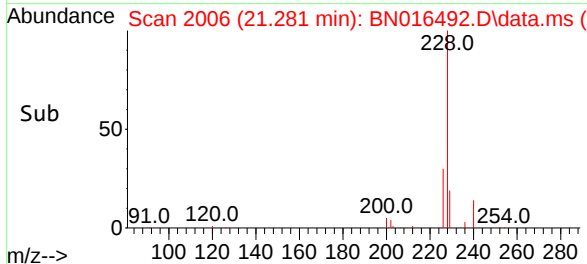
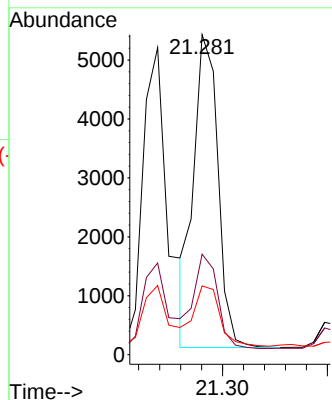
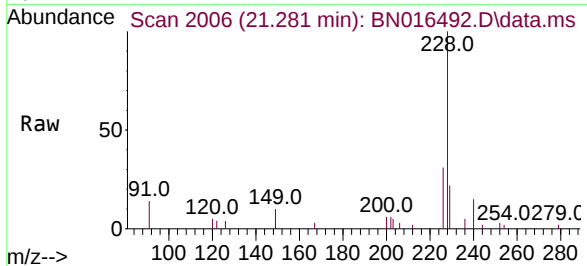




#33
Chrysene
Concen: 0.034 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

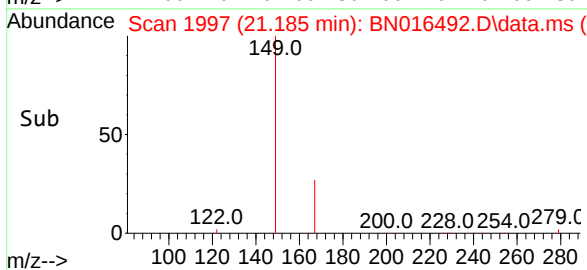
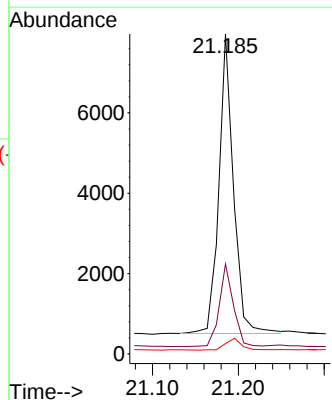
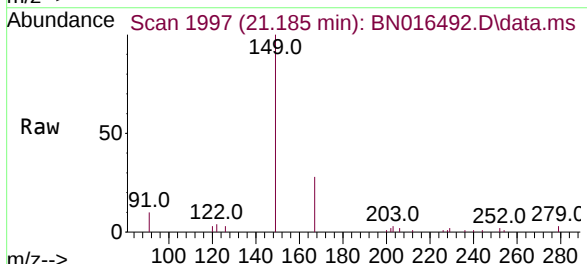
Instrument :
BNA_N
ClientSampled :

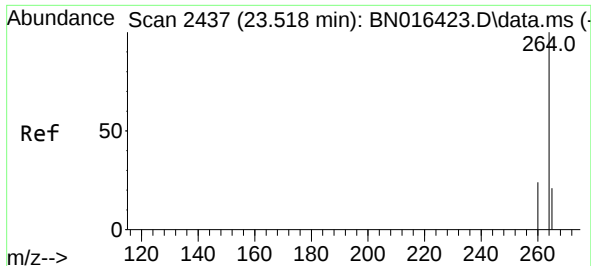
Tgt Ion:	228	Resp:	8497
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.0	34.4
229	21.5	15.6	23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.139 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

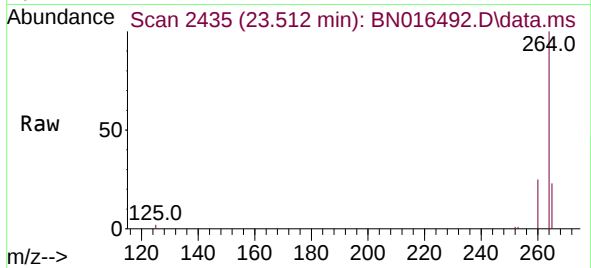
Tgt Ion:	149	Resp:	8766
Ion Ratio	Lower	Upper	
149	100		
167	26.7	23.4	35.0
279	4.3	3.9	5.9



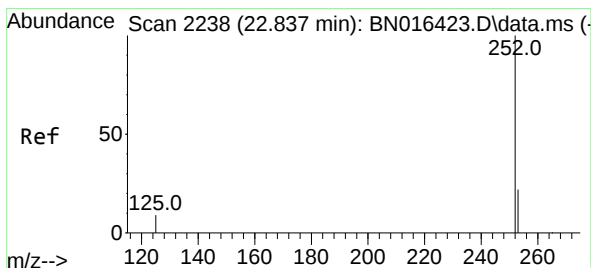
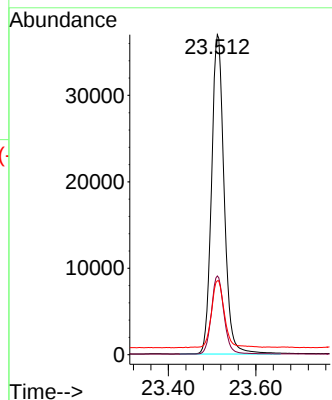
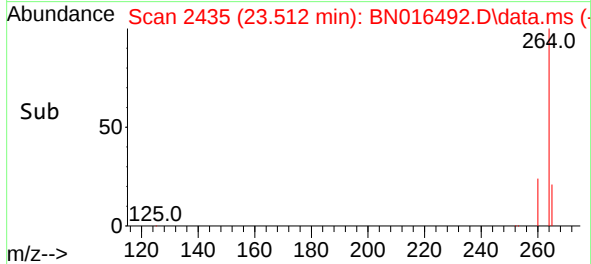


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.512 min Scan# 2435
 Delta R.T. -0.007 min
 Lab File: BN016492.D
 Acq: 26 Sep 2021 02:38

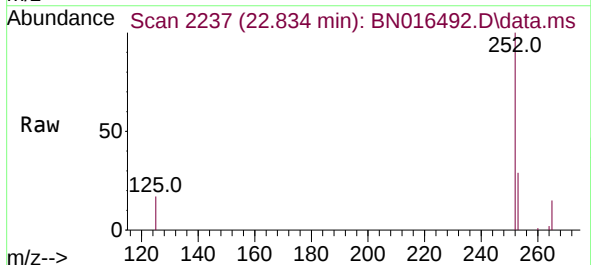
Instrument :
 BNA_N
 ClientSampled :



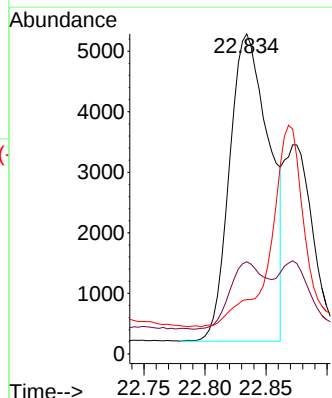
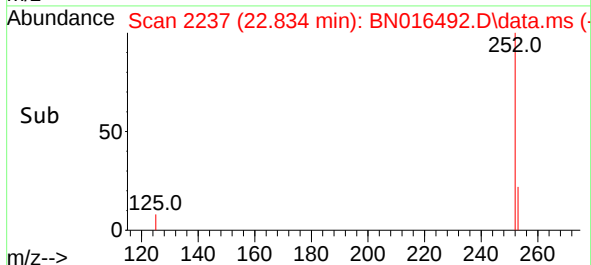
Tgt Ion:264 Resp: 73934
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.9 28.3
 265 23.1 23.7 35.5#

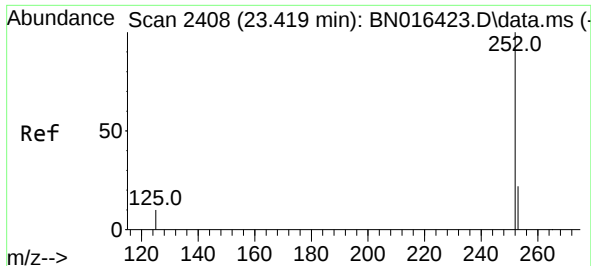


#37
 Benzo(b)fluoranthene
 Concen: 0.047 ng
 RT: 22.834 min Scan# 2237
 Delta R.T. -0.003 min
 Lab File: BN016492.D
 Acq: 26 Sep 2021 02:38



Tgt Ion:252 Resp: 11511
 Ion Ratio Lower Upper
 252 100
 253 28.8 18.2 27.2#
 125 17.0 8.4 12.6#

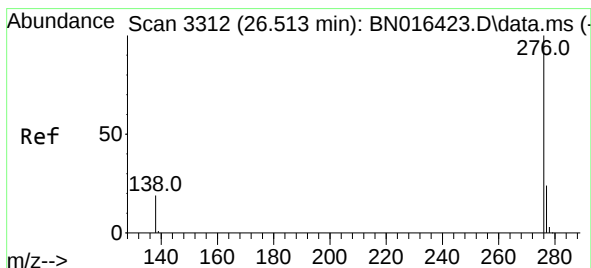
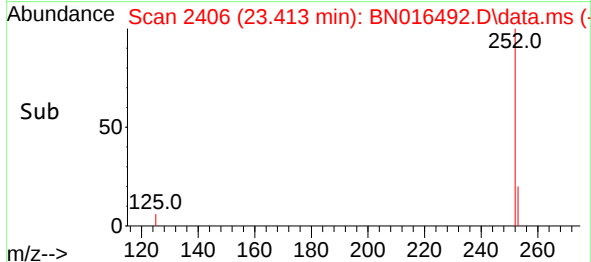
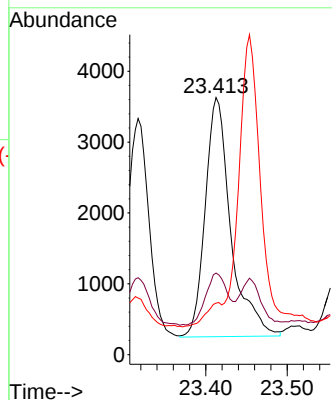
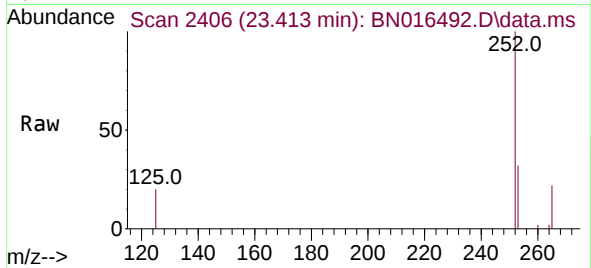




#39
Benzo(a)pyrene
Concen: 0.037 ng
RT: 23.413 min Scan# 2406
Delta R.T. -0.007 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Instrument :
BNA_N
ClientSampled :

Tgt Ion:252 Resp: 7387
Ion Ratio Lower Upper
252 100
253 31.7 18.7 28.1#
125 20.0 9.9 14.9#



#41
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 26.507 min Scan# 3310
Delta R.T. -0.007 min
Lab File: BN016492.D
Acq: 26 Sep 2021 02:38

Tgt Ion:276 Resp: 4488
Ion Ratio Lower Upper
276 100
277 27.8 20.5 30.7
138 27.3 18.2 27.4

